

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HELLA GMBH & CO. KGAA	12/15/2021
RECEIVING PARTY DATA		
Name:	CARIAD SE	
Street Address:	BERLINER RING 2	
City:	WOLFSBURG	
State/Country:	GERMANY	
Postal Code:	38440	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16712942	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	request@slwip.com	
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.	
Address Line 1:	P.O. BOX 2938	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402	
ATTORNEY DOCKET NUMBER:	3037.189US1	
NAME OF SUBMITTER:	KASIE GROVER	
SIGNATURE:	/Kasie Grover/	
DATE SIGNED:	03/14/2022	
Total Attachments: 4		
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source=3037.189US1_Assignment#page2.tif		
source=3037.189US1_Assignment#page3.tif		
source=3037.189US1_Assignment#page4.tif		

ASSIGNMENT

WHEREAS, HELLA GmbH & Co. KGaA, an entity organized and existing under and by virtue of the laws of Germany, and having an office and place of business at Rixbecker Straße 75, 59552 Lippstadt, Germany (hereinafter "Assignor"), is the owner of assets identified in Appendix A (US 16/712,942 filed on 12.12.2019, hereinafter collectively "Patent Properties"), including all inventions and other subject matter described in the Patent Properties;

AND WHEREAS, CARIAD SE, an entity organized and existing under and by virtue of the laws of Germany, and having an office and place of business at Berliner Ring 2, 38440 Wolfsburg, Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Patent Properties, including all inventions and other subject matter described therein, and any patent to be obtained in relation therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor hereby:

ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of said Patent Properties;

all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions, based in whole or in part on any of said Patent Properties (including any application for a utility model or an innovation patent application);

the right to claim priority to said Patent Properties in relation to subject matter based in whole or in part on said Patent Properties and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and the right to all causes of action, remedies, and other enforcement rights related to said Patent Properties, including without limitation the right to sue for past, present, or future

infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assignor relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

COVENANTS, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED to by Assignor as of the Date of the Signature Below:

Assignor:

HELLA GmbH & Co. KGaA

Signature: i.V. U. Bringemeier pro. [Signature]

Printed Name: Ulrich Bringemeier / Detlev Bökenkamp

Title: European Patent Attorney / General Counsel

Date: Dec 15, 2021

Assignee:

CARIAD SE

Signature: [Signature] pro. Dr. Philipp Korte

Printed Name: Detlev Bökenkamp / Dr. Philipp Korte

Title: Authorized Officers

Date: Feb 15, 2022

Appendix A

Patent/ Publication No.	Application Number	Title	Filing date	Issue/Grant Date
	16/712,942	VERIFICATION AND IDENTIFICATION OF A NEURAL NETWORK	December 12, 2019	